

Title (en)  
SEEDING PANCREATIC CELLS ON POROUS MATRICES

Title (de)  
AUSSETZEN VON PANKREASZELLEN AUF PORÖSEN MATRIZES

Title (fr)  
ENSEMENCEMENT DE CELLULES PANCREATIQUES SUR DES MATRICES POREUSES

Publication  
**EP 1649000 A4 20080430 (EN)**

Application  
**EP 04777261 A 20040629**

Priority  
• US 2004020865 W 20040629  
• US 48380303 P 20030630

Abstract (en)  
[origin: WO2005005607A2] A method was developed for seeding cells, particularly for seeding cells having at least one marker characteristic of a pancreatic cell, onto a biocompatible scaffold. The method utilizes centrifugal forces and a specially designed ePTFE plate to uniformly guide cell seeding into the scaffold with no loss in viability.

IPC 8 full level  
**C12N 5/00** (2006.01); **C12N 5/071** (2010.01)

IPC 8 main group level  
**C12N** (2006.01)

CPC (source: EP)  
**C12N 5/0062** (2013.01); **C12N 5/0677** (2013.01); **C12N 2533/40** (2013.01)

Citation (search report)  
• [X] WO 02092778 A2 20021121 - UNIV LELAND STANFORD JUNIOR [US]  
• [A] WO 9909149 A1 19990225 - MASSACHUSETTS INST TECHNOLOGY [US], et al  
• [A] US 6306424 B1 20011023 - VYAKARNAM MURTY N [US], et al  
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• [X] PAPADAKI M ET AL: "Tissue engineering of functional cardiac muscle: Molecular, structural, and electrophysiological studies", AMERICAN JOURNAL OF PHYSIOLOGY, AMERICAN PHYSIOLOGICAL SOCIETY, BETHESDA, MD, US, vol. 280, no. 1 Part 2, January 2001 (2001-01-01), pages H168 - H178, XP002387621, ISSN: 0002-9513  
• [X] TSUNG HUA YANG ET AL: "Novel cell immobilization method utilizing centrifugal force to achieve high-density hepatocyte culture in porous scaffold", JOURNAL OF BIOMEDICAL MATERIALS RESEARCH, WILEY, NEW YORK, NY, US, vol. 55, no. 3, 5 June 2001 (2001-06-05), pages 379 - 386, XP002430505, ISSN: 0021-9304  
• See references of WO 2005005607A2

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)  
**WO 2005005607 A2 20050120; WO 2005005607 A3 20070712; EP 1649000 A2 20060426; EP 1649000 A4 20080430**

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